

## ESPC 2012 - Charlottetown (Île-du-Prince-Édouard)



### Jai Aggarwal

#### Reversing Radiation: Are Antioxidants the Answer?

**Défi:** Santé

**Catégorie:** Junior

**Région:** Peel

**Ville:** Mississauga, ON

**École:** Sherwood Heights School - Erin Mills Campus

**Sommaire:** In this project, I wanted to see if antioxidants could reverse the effects of radiation. I thought that they could reverse the effects, and that the Super Berry mixture would be the most effective in doing so. I was wrong, however, as cloves turned out to be the best antioxidant.

#### Biographie

My name is Jai Aggarwal and I am 13 years old. I attend Sherwood Heights School. Every year I take part in my school science fair and speech competition, and go on the track team. I love reading and playing video games. I hope to get into Harvard in a science program, in order to become a doctor. One of my notable experiences is going to the World Leadership Forum in Washington D.C. in June of 2011. I got the inspiration for my project because of the Fukushima-Dai-ichi nuclear plant incident in March of 2011. I wanted to see if I could cure the radiation, or at least find a way to prevent its effects. I conducted a further investigation, in which I decided to see if combinations of antioxidants would work better than a single antioxidant. Some advice to students doing their own projects is to try different things and use different controls to compare different sets of items.